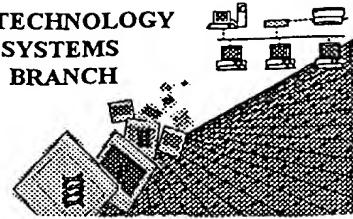


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/857,524
Source: PT/09
Date Processed by STIC: 7/15/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/857,524

DATE: 07/15/2002
TIME: 12:09:01

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\07152002\I857524.raw

3 <110> APPLICANT: E. I. du Pont de Nemours and Company
5 <120> TITLE OF INVENTION: Membrane-Bound Desaturases
7 <130> FILE REFERENCE: BB1264
SIC> 9 <140> CURRENT APPLICATION NUMBER: US/09/857,524
QC> 10 <141> CURRENT FILING DATE: 2002-06-21
12 <150> PRIOR APPLICATION NUMBER: 60/110,784
W--> 13 <151> PRIOR FILING DATE: 1998-December-03 | 1998-12-03 ← use this date format
15 <160> NUMBER OF SEQ ID NOS: 17
17 <170> SOFTWARE: Microsoft Office 97

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

987 <210> SEQ ID NO: 14
988 <211> LENGTH: 38 35 shown
989 <212> TYPE: DNA
990 <213> ORGANISM: Artificial Sequence
992 <220> FEATURE:
993 <223> OTHER INFORMATION: Definition of Artificial Sequence:PCR primer for 5' of
pk0011.d5
995 <400> SEQUENCE: 14
E--> 996 tttgcggccg caaatcaatg gäagaagcaa agaag
1082 <210> SEQ ID NO: 17 35
1083 <211> LENGTH: 114
1084 <212> TYPE: PRT
1085 <213> ORGANISM: Triticum aestivum
1087 <400> SEQUENCE: 17
1088 Met Pro Ala Ala Ser Lys Asp Ala Ala Asp Val Arg Met Ile Ser Thr
1089 1 5 10 15
1091 Lys Glu Leu Gln Ala His Ala Ala Asp Asp Leu Trp Ile Ser Ile
1092 20 25 30
1094 Ser Gly Asp Val Tyr Asp Val Thr Pro Trp Leu Arg His His Pro Gly
1095 35 40 45
1097 Gly Glu Val Pro Leu Ile Thr Leu Ala Gly Gln Asp Ala Thr Asp Ala
1098 50 55 60
1100 Phe Met Ala Tyr His Pro Pro Ser Val Arg Pro Leu Leu Arg Arg Phe
1101 65 70 75 80
1103 Phe Val Gly Arg Leu Thr Asp Tyr Thr Val Pro Pro Ala Ser Ala Asp
1104 85 90 95
1106 Phe Arg Arg Leu Leu Ala Gln Leu Ser Ser Ala Gly Leu Phe Glu Arg
1107 100 105 110
1109 Val Gly
E--> 1111 19
delete

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

FYT

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/857,524

DATE: 07/15/2002
TIME: 12:09:02

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\07152002\I857524.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:13 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:52 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:1
L:52 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1380
L:353 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:480
L:355 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:600
L:356 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:660
L:357 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:720
L:358 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:780
L:359 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:840
L:421 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6
L:421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:160
L:427 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6
L:427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:192
L:436 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6
L:436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:240
L:996 M:252 E: No. of Seq. differs, <211> LENGTH:Input:38 Found:35 SEQ:14
L:1067 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:1075 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:480
L:1078 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:660
L:1079 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1079 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:720
L:1080 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16
L:1080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:780
L:1111 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:17